

FIG. 1

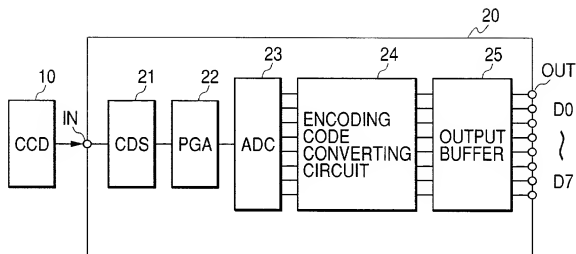


FIG. 2

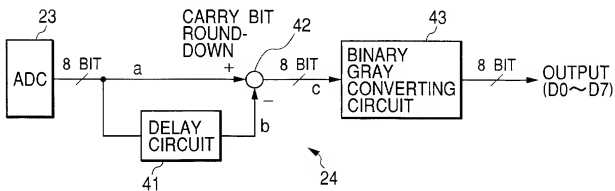


FIG. 3

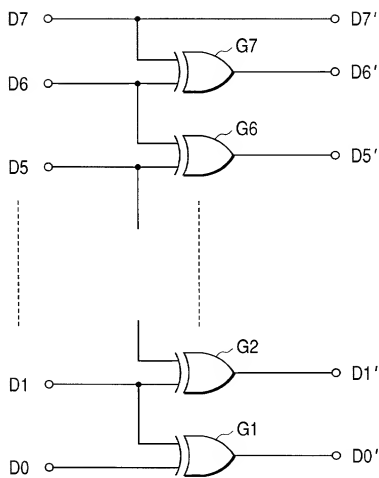


FIG. 4(A)

G	R	G	R	G	→ ①
B	G	B	G	B	→ ②
G	R	G	R	G	→ ③
B	G	B	G	B	→ ④

FIG. 4(B)

Cy	Ye	Cy	Ye	Cy
Mg	G	Mg	G	Mg
Cy	Ye	Cy	Ye	Cy
G	Mg	G	Mg	G

FIG. 5

KIND OF COLOR	(A)					
	R →	G →	R →	G →	R →	G →
DECIMAL NUMBERS	200	100	200	100	200	100
OUTPUT CODE IN THE EXISTING SYSTEM	BINARY CODE	11001000	01100100	01100100	11001010	01100101
	NUMBER OF CHANGE-OVER BITS	—	4	4	4	6
	DIFFERENTIAL DECIMAL NUMBER	200 (INITIAL DATA)	100 (INITIAL DATA)	0 (DIFFERENCE)	2 (DIFFERENCE)	1 (DIFFERENCE)
	BINARY CODE	11001000	01100100	00000000	00000010	00000001
OUTPUT CODE IN THIS SYSTEM	GRAY CODE	01011000	10101100	00000000	00000011	00000001
	NUMBER OF CHANGE-OVER BITS	—	4	0	2	1
(B)	BINARY CODE	11001000	01100100	01100100	11001000	01100100
	NUMBER OF CHANGE-OVER BITS	—	4	4	5	4
	DIFFERENTIAL DECIMAL NUMBER	200 (INITIAL DATA)	100 (INITIAL DATA)	0 (DIFFERENCE)	254 (-2) (DIFFERENCE)	255 (-1) (DIFFERENCE)
	BINARY CODE	11001000	01100100	00000000	11111110	11111111
(C)	GRAY CODE	01011000	10101100	00000000	10000001	10000000
(D)	NUMBER OF CHANGE-OVER BITS	—	4	0	1	1
(E)	DIFFERENTIAL DECIMAL NUMBER	200 (INITIAL DATA)	100 (INITIAL DATA)	0 (DIFFERENCE)	1 (DIFFERENCE)	255 (-1) (DIFFERENCE)
(F)	BINARY CODE	11001000	01100100	00000000	00000001	11111111
(G)	GRAY CODE	01011000	10101100	00000000	10000001	10000000
(H)	NUMBER OF CHANGE-OVER BITS	—	4	0	2	1

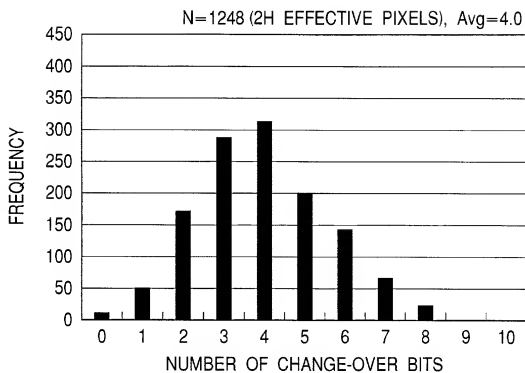
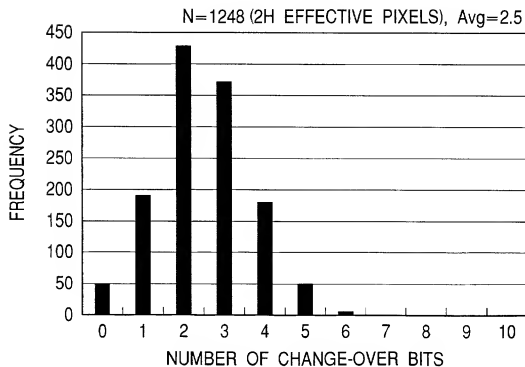
FIG. 6(A)*FIG. 6(B)*

FIG. 7

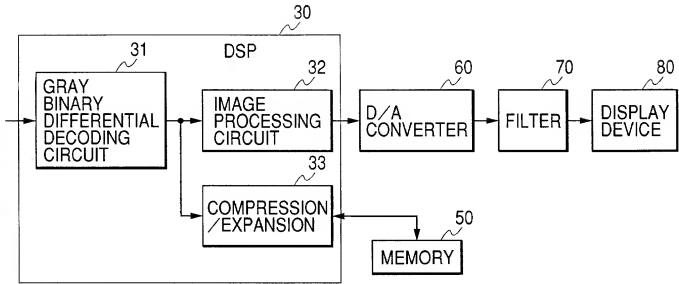


FIG. 8

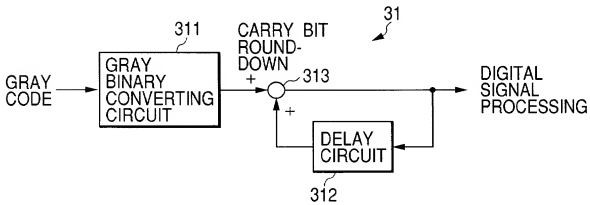


FIG. 9

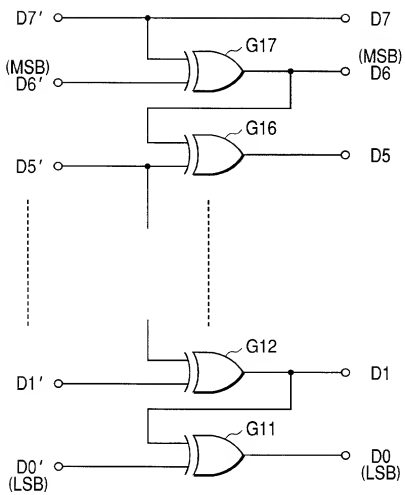


FIG. 10

